4: Joseph et al D, E-5 (1942-1943) 1949
NU28 Papago NU28

342 556 Thus the type of house is something of an index to the occupant's economic status. In the more prosperous eastern districts, adobe construction has been so widely accepted that a wattle house is a fairly sure sign that the occupants have a below-average income. In the western districts, however, a wattle house is far more often a sign of resistance to white culture. For example, at the time of this study all the houses in two of the most conservative villages in Hickiwan District were wattle-and-daub, regardless of the individual owner's economic status.

The type of house roof is also an index to prosperity or acculturation or both. Despite the fact that a roof of thatch overlaid with dirt is cooler in summer and warmer in winter, any eastern Papago who can possibly afford it will roof his house with wood, tar paper, or tin. There is one advantage in the white man's roof—it does not leak as much as a dirt roof.

The visitor can also see evidence of economic status and of attitude toward whites in the house furnishings. The poorer families and those antagonistic to white culture have dirt floors and few tables, chairs, beds, stoves, glass window panes, and "store" dishes. In relatively prosperous and acculturated 352 556 homes—considerably more numerous in the East than in the West—house furnishings may include a good stove, a kerosene refrigerator, a washing machine, and a phonograph or battery radio. In these homes, chairs, tables, beds, some type of stove, and "store" dishes are regarded as necessary for comfort; when families from such homes go to the cactus camp and do without these things, they feel that they are "camping out."

[778] In a Catholic home there is always a little altar, a small table or shelf draped with white. Here one sees *santos* or holy pictures, a candle in a red glass, and perhaps some paper flowers. An alarm clock, a pencil, and other odds and ends are not considered out of place here.

342 [414] All houses and storerooms, however flimsily built, have doors and some kind of lock. Storerooms are kept locked even during the day except when someone is working close by, and houses are locked when the family goes away for even part of a day. "No one from here would steal anything, but a stranger might."

356 515 House and yard are almost invariably neat and clean; even dirt floors are sprinkled and swept every morning. The Papago also values personal neatness and cleanliness. Neither is easy to achieve in this dusty, water-scarce country.

513 Sleeping arrangements vary greatly according to personal predilection. Most people, except the very old, now have beds, but everyone can, and frequently does, sleep on the floor or the ground without discomfort. As a matter of fact, some of the beds are without mattresses or springs; the owners merely

[Text continues on p. 44-Analyst]

4: Joseph et al D, E-5 (1942-1943) 1949
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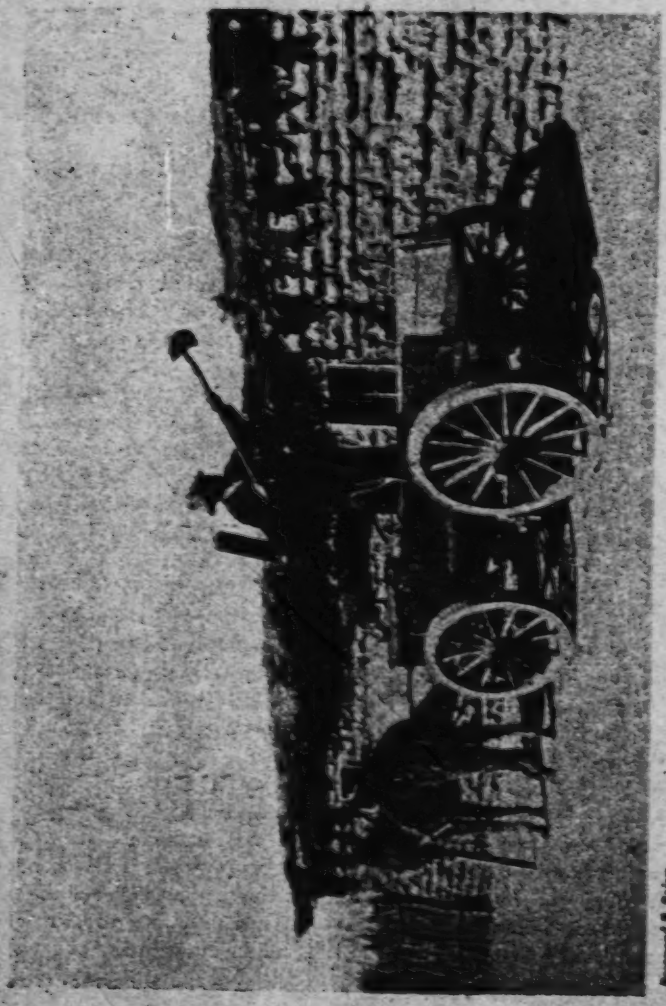
PLATE VII



REPAIRING THE DIRT ROOF

[p.43]

7: Lumholtz N-5 (1909-1910) 1912
NU28 Papago NU28

their enthusiastic efforts to make an impression on the gods. 796

The next morning, when I went to inspect the place in daylight, I found the leader and other functionaries sleeping peacefully on the ground under the jacal in front of the lodge, tired from their exertions of the night. I was permitted to enter the lodge, where large earthenware jars were standing full to overflowing with the precious sahuaro fluid. A slight cavity had been dug in the ground for each jar, serving as a receptacle and covered with branches of greasewood upon which the jar rested neatly. The reason for this arrangement, according to the Indians, was to keep the fluid warm and because they had always done it in this way. Heavy spume was rising from most of the jars, showing that fermentation was taking place. A fire was kept up in the lodge in order that the temperature of the air should be even and favorable for fermentation. The solemn function of mixing the sahuaro sirup with water takes place in the morning hours under the jacal outside. 273

The lodge was a circular, dome-shaped grass hut, the ancient form of Papago habitation, examples of which are still frequently seen in the central part of the Papaguería. The lodge, however, is larger than the dwelling-house, hence its name Kûki, "Big House." (*Ku*, big, large.) This was rather a small one, twelve feet in diameter and six feet high, and scrupulously clean inside. The framework of these primitive houses consists of mezquite posts; from two to four forked uprights in the middle support the dome-shaped roof, which is made of sa- 344 [356]

3: Whited G-5 (1890) 1894 NT15 River Yumans
Papago NU28

241 GRAIN.—The roving Papagos, those living off the reservation, raise only grain enough, principally wheat and corn, for their own use. Squashes, melons, and sugar cane make up the list of their common crops. Cultivation with them consists in scratching the ground with their stick plows and planting the seed. They pay no attention whatever to weeds. They inclose small fields of fertile ground in the mesas with brush fences and then plant after a rain at the right season. If it rains in November, they plant wheat. Rain in December will insure a good growth of straw, but rain in February will be necessary to mature the berry. The failure of rain in any of the 3 months will prevent planting or about ruin the crop which has been started. Owing to the uncertainty of propitious rains they obtain crops, apart from irrigation, only about once in 6 years.

Their wheat is white, a short, plump berry, of remarkably good quality. In the off years they resort to the reservation, raise a little grain, and "pack" it to their villages. Corn, squashes, sugar cane, and melons are raised after the summer rains.

252 412 They grind grain on an inclined stone, called a metáte, using a smaller stone, about the size of a brick, called a mano, as the crushing power. A handful of whole grain is placed at the top of the metáte, a part of it is scattered over the surface of the stone with a dexterous flirt of the hand, and it is then powdered by two or three energetic rubs with the small stone. The whole process resembles that of washing clothes with a washboard. The flour is caught in a bowl as it falls from the metáte, is clean and free from grit, and contains all the nutriment of the grain.

272 252 [234] Parched wheat, when ground in this manner, is mixed with water, forming a palatable drink, called pinole. Corn is never ground raw, but after it has been boiled, and the meal is pressed and rolled up in soft corn husks and forms their bread for journeys. It is superior in taste, in my judgment, to any kind of corn bread made by the whites. They manufacture a kind of cheese from milk, but have no process for butter making.

231 STOCK.—The Papagos have small herds of stock and droves of horses. These constitute their substance, but such possessions can not be large in view of the uncertainty of water. Nearly every family has a few fowls. Their wants are few, and these are easily satisfied. They are self-supporting, and no charge on the government for either food or clothing.

493 An occasional farm wagon was found in a village, but in Ki-ki-wah there were 4. This village is about 90 miles from Tucson and 10 from the Mexican line.

224 [439] GAME.—Various species of deer abound, and in season the markets of the whites are supplied with venison by the Indians. Mountain sheep and goats are also brought in by them, but in less numbers than deer. Black and cinnamon bears are occasionally killed. The cotton-tail rabbit abounds, and is in demand for the table. The flesh is white, and fully equal to chicken in delicacy of flavor. Dangerous wild animals are also killed by the Indians in considerable numbers. The most formidable of these is the mountain lion. This animal destroys young stock, and is therefore hunted with zeal by the Papagos. The pelts possess a trifling value. The wildcat and civet cat are very numerous. The coyote, fox, jack rabbit, and skunk make up a group of animals which are pests, though not dangerous ones. The jack rabbit is sometimes used for food.

223 BIRDS.—Among the birds useful to Indians are the quail, dove, mocking bird, and cardinal bird. These are trapped with great success by them, the quail and dove for food, the others for household pets, their sale forming quite an income. Hawks, owls, and crows abound. Wild ducks, geese, bittern, heron, and snipe are killed in their migration back and forth between Mexico and California. It will be seen that the Indians have many food resources on wing and foot, valuable for consumption or sale.

342 333 DWELLINGS.—No tents are used among the Papagos, and about two-thirds of the houses are made of adobe, the rest being constructed of mud and brush. They consist of but one room, and have dirt roofs laid on rafters of small trees. There is no uniformity as to the size of the houses. The adobe bricks are made in an open frame of four compartments from a gray mud or clay mixed with short cut straw or hay. This mold is placed upon the ground, filled with the soft adobe, packed firmly, and then the frame or mold is removed and the brick left to dry. The usual size of a brick is 4 by 9 by 18 inches.

● [356] The Papagos are cleanly in their habits. They sweep the dirt floors of their houses, and in some cases the ground around them. No vermin of any kind was found in any of their houses.

291 [177] CLOTHING.—The men wear boots or shoes, pants and shirts, and straw or felt hats. A canvas jacket is worn on cool days or on a journey. The women wear shoes, stockings, and skirt, and waist blankets are quite common with both sexes, with the women serving as shawl and head covering. The women sew nicely by hand, using thimbles. They also use sewing machines, of which there were three in Ki-ki-wah.

181 [548] [595] MORALS.—The men were generally represented to me to be truthful and honest and the women to be virtuous. Prostitution is said to be unknown among them. This may be due to the fact, as some claim, that wives are taken and abandoned at will. Occasionally a man was found with 2 wives.

Their honesty was tested in various ways on our trip. The outfit of 2 wagons was left unguarded for a whole day when we made the trip from Tecolote to Presual and neighboring villages, and not a thing was disturbed. Twice after we left villages forgotten articles were brought to us by men on horseback. These articles would not have been missed, and might have been kept by them with perfect impunity. The Papagos are not addicted to

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